



PATENTS  
15804-0104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Friedrich Hofmann et al. )  
Serial No.: 10/603,029 )  
Filed: June 24, 2003 )  
For: Magnetoinductive Flowmeter )  
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 )  
Examiner: Not yet assigned  
Art Unit: Not yet assigned  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
December 29, 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SECOND INFORMATION-DISCLOSURE STATEMENT**

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicants wish to bring to the Examiner’s attention the references listed on the accompanying form PTO-1449. A copy of each listed reference is enclosed.

DE 33 44 679 A: In this document it is described that in order to produce a more leak-proof electrode lead-through in sintering rod-type electrodes or electrode shafts made of metallic material into a ceramic measuring tube for magneto-inductive flow meters, a rod-type electrode support composed of ceramic raw material is prefabricated and

the electrode or the electrode shaft is introduced into it in a leak tight manner. Radial bores, into which the prefabricated electrode supports are inserted in the unfired or pre-fired state, are made in the measuring tube molded in the same raw material. In the subsequent heat treatment, the electrodes or electrode shafts are sintered into the ceramic material of the electrode support in a leak-proof manner and the electrode support itself is sintered with the ceramic material of the measuring tube in a leak-proof manner.

DE 41 39 915 A: In this document an electromagnetic flow meter is described that has electrodes which include a body which is of a non-metallic, flexible, electrically conductive material. The material is preferably an elastomer, and particularly natural rubber, incorporating carbon black, and has a Shore Hardness of 100 or less. Preferably a pair of electrodes is mounted on opposite sites of the flow tube of the flow meter. The flow tube may be lined with an elastomer, particularly a rubber material, with the electrode projecting through a whole in the lining and terminating flush with the lining where they are retained by an adhesive material. The other end of the electrode may be retained in a housing by epoxy resin bonding compound.

To the extent required by 37 C.F.R. §1.98(a)(3), Applicants have described what they consider to be the relevance of any foreign-language reference. The Office may find additionally relevant material in these or other references.

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Respectfully submitted,

  
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12-30-03



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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

<b>Complete if Known</b>	
Application Number	10/603,029
Filing Date	June 24, 2003
First Named Inventor	Friedrich Hoffmann et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	15804-0104

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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